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**U.S. DEPARTMENT OF AGRICULTURE**
**FOREST SERVICE**
**AMENDMENT**
**FOR**
**SPECIAL USE AUTHORIZATION**
**AMENDMENT NUMBER: 2**

This amendment is attached to and made a part of the special use authorization (indicated above) issued to Arizona Snowbowl Resort on 12/22/1992, which is hereby amended as follows per the Final EIS - Arizona Snowbowl Facilities Improvements and Forest Plan Revision Amendment #21 – February 2005 and the Record of Decision.

Develop a 3-acre dedicated teaching area near the Hart Prairie Lodge north of the existing Hart Prairie lift. This includes the installation of three new surface lifts (magic carpet conveyors) and ground disturbance directly related to the conveyors installation, and re-contouring the teaching area so that it is suitable for beginner skiers and snowboarders.

Mitigation measures and best management practices as outlined in the 2005 Final EIS (Chapter 2: Table 2-2) will be employed during pre-construction, mid-construction and post construction.

This Amendment is accepted subject to the conditions set forth herein, and attached hereto and made a part of this Amendment.

Condition 1: Required Mitigation and Best Management Practices
Condition 2: Project Map – Hart Prairie Teaching Area Construction

(Holder Signature)

JOHN R. MURRAY
General Manager
(Name and Title)

Date: 6/10/10

(Authorized Officer Signature)

M. EARL STEWART
FOREST SUPERVISOR
(Name and Title)

Date: 8 June 2010

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**PROJECT NAME:** **Hart Prairie Teaching Area Construction**

**APPROVAL/SUPPORT DOCUMENTATION:**
- ROD page 15, Figure ROD-3
- Final EIS pages 2-8, 2-9 & 3-142, Figure 2-2

**MDP REFERENCE:** Pages 28 & 33, Figures V-1 & V-2

**PROJECT CONSTRUCTION AUTHORIZATION:**

_____
Initial/Date

## PROJECT DESCRIPTION:

A dedicated teaching area will be developed near the Hart Prairie Lodge in order to better accommodate beginner skiers. The teaching area is approved for an approximate 3-acre flat area north of the existing Hart Prairie lift. The three surface lifts approved for the area north of the Hart Prairie Lodge will be redesigned, and the area will be designated as a beginner/learning area. Construction of this teaching area will require re-contouring approximately 3 acres.

The Hart Prairie Teaching Area is included in the approved snowmaking coverage.

## REQUIRED MITIGATION & BEST MANAGEMENT PRACTICES:

The following mitigation measures and best management practices (BMPs) are excerpted from Table 2-2 (Chapter 2) of the 2005 Final EIS. Mitigation measures and BMPs are organized by the order in which they arise during the pre-, mid-, and post-construction period.

| ***PRE-CONSTRUCTION*** | |
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| 1 | Prior to construction, the disturbance limits of the site will be flagged. Pop fencing, flagging, or a staked rope line will be established to denote the limits of construction proximate to sensitive resource boundaries. |
| 2 | Prior to removal of merchantable timber, decking areas and removal routes will be designated in the field and approved by the Forest Service. Timber removal shall be accomplished by minimizing soil disturbance. This will entail re-use landings and skid trails that are weed-free and by incorporating over-snow removal, mechanical logging, skidding, and burning when and where feasible. Soil disturbance shall further be minimized by treatment of fuels in-place, use of low-impact equipment (big tires), use of equipment that carries rather than drags logs, use of hand fellers and hand piling, and by avoiding decking of logs in the woods. |
| 3 | Before ground-disturbing activities begin, identify and locate all equipment staging areas in the SUP. Use weed-free staging areas if possible, otherwise treat existing noxious weeds in these areas prior to the staging of any equipment. Establish equipment wash stations (1) at the base of the ski area for construction activities and (2) at the base of Snowbowl Road for construction of the reclaimed water pipeline. Specific locations shall be approved by a forest officer prior to use. Each station shall have a filter system, for example at least 6 inches of large cinder or gravel spread over an area 10'x 30'. Filter cloth may be used for temporary stations. The area will be a perched drainage to allow excess moisture to drain after being filtered. Equipment wash |

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| | stations shall be located at least 200 yards from any natural drainage to avoid contamination. All soiled equipment shall be washed before entering and before leaving the project area. This includes construction personnel vehicles in addition to trucks and other heavy equipment. A "contaminated" parking area shall be designated where vehicles and equipment can remain through the duration of construction activities to minimize the need for repeated cleaning. Equipment wash stations shall be monitored frequently and annually after completion of all construction activities. All weed materials shall be removed promptly. |
| 4 | A grading plan will be developed and submitted to the Forest Service for review and approval prior to implementation of proposed project elements. |
| 5 | A site-specific erosion control plan for all approved project elements that entail ground disturbance will be developed and submitted to the Forest Service for review and approval prior to implementation. |
| 6 | Prior to construction, a construction access plan will be developed detailing access routes to pertinent project elements (i.e., lift towers, lift terminals, building sites, and potential helicopter routes). |
| 7 | Fuel delivery and storage will be located, designed, constructed and maintained to reduce the potential and severity of spills. |
| 8 | An oil spill contingency plan will be developed and approved prior to initiation of construction activities. |
| ***MID-CONSTRUCTION*** | |
| 9 | Understory vegetation will be preserved to the extent possible in all areas designated for flush cutting and/or overstory vegetation removal. |
| 10 | Any fill dirt obtained off-site shall be certified to be free of noxious weeds prior to its use in construction areas. Stockpiled materials shall be maintained in a weed-free condition. |
| 11 | Soil-disturbing activities will not be initiated during periods of heavy rain or excessively wet soils. |
| 12 | In all areas where grading or soil disturbance will occur (excluding flush cut lift corridors), stockpile topsoil and re-spread topsoil following slope grading and prior to re-seeding. The stockpiled soil will be protected from wind and water erosion. |
| 13 | Check dams and sediment barriers (i.e., silt fence, weed-freed hay bales, wattles) will be placed in all temporary erosion channels with minimum sufficient spacing to control runoff velocity and encourage sediment deposition. |
| 14 | Removal of logs and logging debris will be conducted with minimal dragging or pushing through the soil in order to minimize disturbances. |
| 15 | In areas where site conditions necessitate (i.e., excessively steep slopes and/or highly erosive soil types), temporary sediment detention basins will be created to detain runoff and trap sediment. Sediment basins will be created within the overall disturbance limits of the applicable project elements. Temporary sediment basins will be reclaimed following reestablishment of permanent vegetation and will likewise be revegetated. |
| 16 | Windrows will be installed where fill-slope erosion is possible, or where road-derived sediment may be delivered (i.e., outflow area of culverts and rolling dips). |
| 17 | Fuel, oil and other hazardous materials will be stored in structures placed on impermeable surfaces with impermeable berms designed to fully contain the hazardous material plus accumulated precipitation for a period at least equal to that required to mitigate a spill. |
| 18 | During construction under dry conditions, all exposed soil, including roadways, parking lots, buildings and lift terminal areas will be sufficiently watered to prevent excessive amounts of dust. In the absence of natural precipitation, watering of these areas will occur as necessary. This measure excludes trail grading or other project elements that do not have sufficient road access to facilitate water truck access. |
| 19 | The primary contractor shall be responsible to ensure that all construction equipment is properly tuned and maintained. |
| 20 | Idling time and construction-related trips will be minimized, as appropriate. |

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| 21 | In order to minimize emissions and particulate matter, existing power sources and/or clean fuel generators will be used rather than temporary power generators. |
| 22 | Lop and scatter slash and small woody debris generated across the width of new trails. |
| 23 | Burning of slash/timber will be staged to reduce the volume of smoke being produced at any one time. |
| 24 | Slash burning will be minimized by the removal of commercial grade timber and the practice of lopping and scattering where possible. |
| 25 | To the extent practicable, burning of slash piles during periods of time when the atmospheric conditions would transport smoke away from the Flagstaff area. |
| 26 | Non-agricultural material will not be included in slash burns. |
| ***POST-CONSTRUCTION*** | |
| 27 | Topsoil replacement, native seedbank promotion, seeding, and weed-seed free mulching (as necessary), will be used to stabilize disturbed soils in all areas where grading and soil disturbance will occur to promote native plant re-establishment. Weed-free topsoil shall be stockpiled and replaced in disturbed areas. |
| 28 | Local seeding guidelines will be used to determine detailed procedures and appropriate mixes. Preference is given to local seed sources, cultivars, and species available commercially. To avoid weed contamination, all seed purchased shall be certified weed-seed free. Seed will be tested by the producer in a certified seed lab against the Coconino NF invasive weed list, the Arizona noxious weed list, and the federal noxious weed list. |
| 29 | Monitor all construction areas and roadways within the SUP annually for at least five growing seasons and treat any noxious weeds found. Annually inspect all parking lots and areas surrounding guest service and maintenance facilities at the base of the ski area within the SUP and document and treat any new noxious weed infestations. Non-herbicidal treatments shall be given priority. If herbicides are necessary, their proposed use shall be publicly posted (including at trailheads) and alternative access routes shall be provided. Herbicide application, if used, shall incorporate dye markers to identify spray locations. Herbicide use shall strictly follow label directions and applicable legal requirements. If pesticides (herbicides) are used, specific plans will be developed to address application monitoring and evaluation, spill contingency, cleaning and disposal of containers, and control of pesticide drift, incorporating the measures described in Appendix B of FEIS for Integrated Treatment of Noxious and Invasive Weeds. Use of herbicides is prohibited in occupied "No Activity Centers" for Mexican Spotted Owls and in occupied nesting stands for Northern Goshawks. Only herbicides specified in Table 26 of the Required Protection Measures for Pesticide Application in Identified Species Habitat (RPMPA) of the fore-mentioned FEIS may be used within Mexican Spotted Owl Protected Activity Centers (PACs) and Northern Goshawk Post-Fledgling Family Areas (PFAs), including along road right-of-ways through such areas. |
| 30 | Immediately following completion of approved ground disturbing activities and seeding, all areas of ground disturbance will be mulched with weed-free straw, wood chips, bark, or jute mat. |